
**SYSTEM, DEVICE AND METHOD FOR PLACING
A BODY IMPLANTABLE LEAD
IN THE CORONARY SINUS REGION OF THE HEART**

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Abstract of the Disclosure

10 An implantable stimulation lead system comprises a lead including
a lead body dimensioned for placement inside the coronary sinus region.
The lead system further comprises a device dimensioned for insertion
within a lumen in the lead, the device including a main body; a steering
15 knob secured to a proximal extremity of the main body; and a flexible
distal portion secured to a distal extremity of the main body. The main
body has a length such that, with the main body of the device
substantially completely advanced within the lead, the flexible distal
portion of the device projects distally from the aperture in the distal tip of
the lead body. The flexible distal portion of the device may comprise a
proximal section and a distal section, the distal section being more
flexible, and thus softer, than the proximal section.

20 In accordance with another aspect of the present invention, there is
provided a device for delivering a body implantable lead, an embodiment
of which device is as described above. The proximal and distal sections of
the flexible distal portion of the device may comprise a unitary structure,
with the distal section comprising a thin, very flexible leaf. Further, the
flexible distal portion of the device may include a wire coil surrounding the
25 proximal and distal sections of the flexible distal portion.

In accordance with yet another aspect of the invention, there is
provided a method of implanting an electrode of an endocardial lead at an
implantation site within a cardiac vein accessible via the superior vena
cava (SVC), coronary os and the coronary sinus region, utilizing a lead
30 system as described above.